

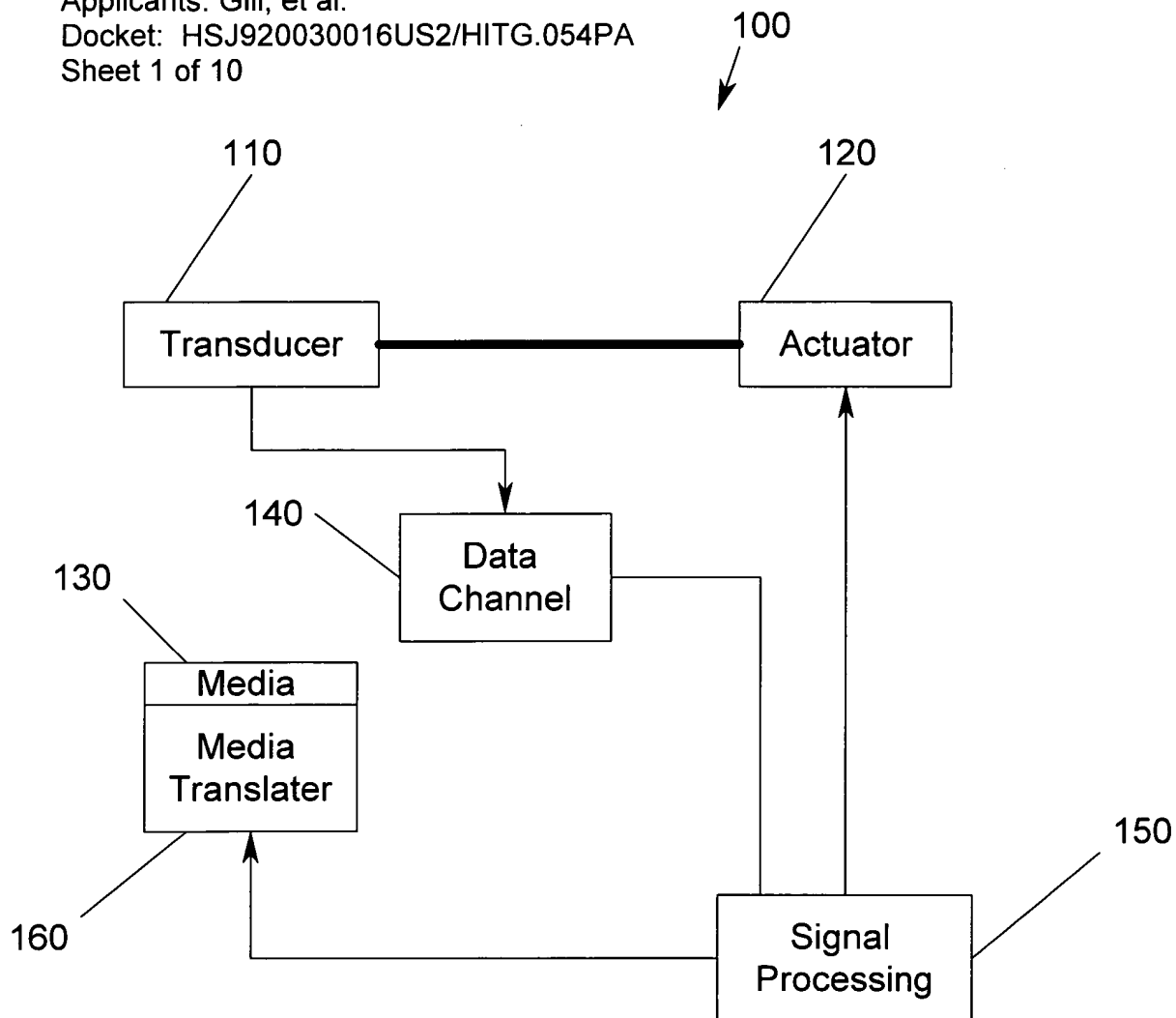
## Replacement Sheet

Title: METHOD AND APPARATUS FOR ENHANCING THERMAL STABILITY,  
IMPROVING BIASING AND REDUCING DAMAGE FROM ELECTROSTATIC  
DISCHARGE IN SELF-PINNED ABUTTED JUNCTION HEADS  
HAVING A FIRST SELF-PINNED LAYER EXTENDING  
UNDER THE HARD BIAS LAYERS

Applicants: Gill, et al.

Docket: HSJ920030016US2/HITG.054PA

Sheet 1 of 10



**Fig. 1**

Prior Art



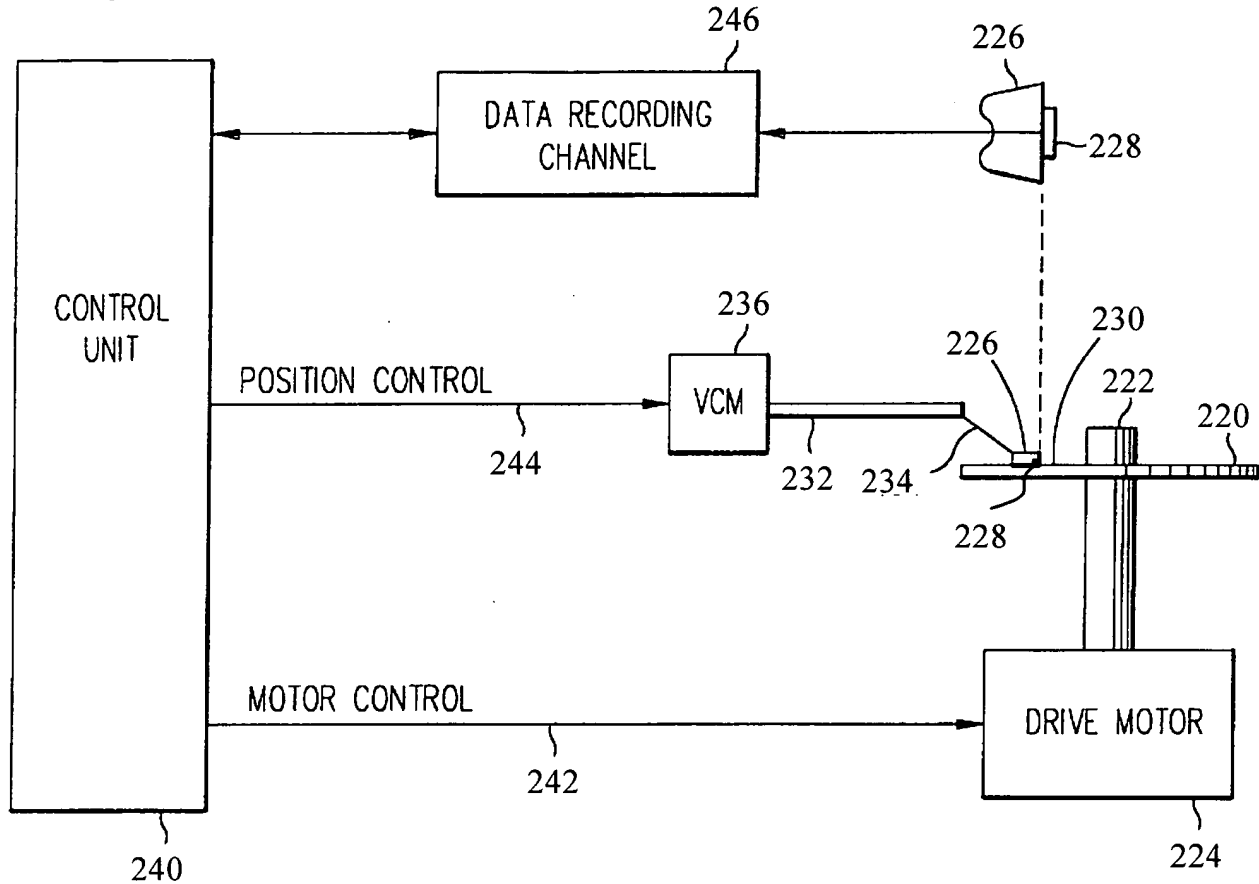
## Replacement Sheet

Title: METHOD AND APPARATUS FOR ENHANCING THERMAL STABILITY,  
IMPROVING BIASING AND REDUCING DAMAGE FROM ELECTROSTATIC  
DISCHARGE IN SELF-PINNED ABUTTED JUNCTION HEADS  
HAVING A FIRST SELF-PINNED LAYER EXTENDING  
UNDER THE HARD BIAS LAYERS

Applicants: Gill, et al.

Docket: HSJ920030016US2/HITG.054PA

Sheet 2 of 10



200

**Fig. 2**  
Prior Art

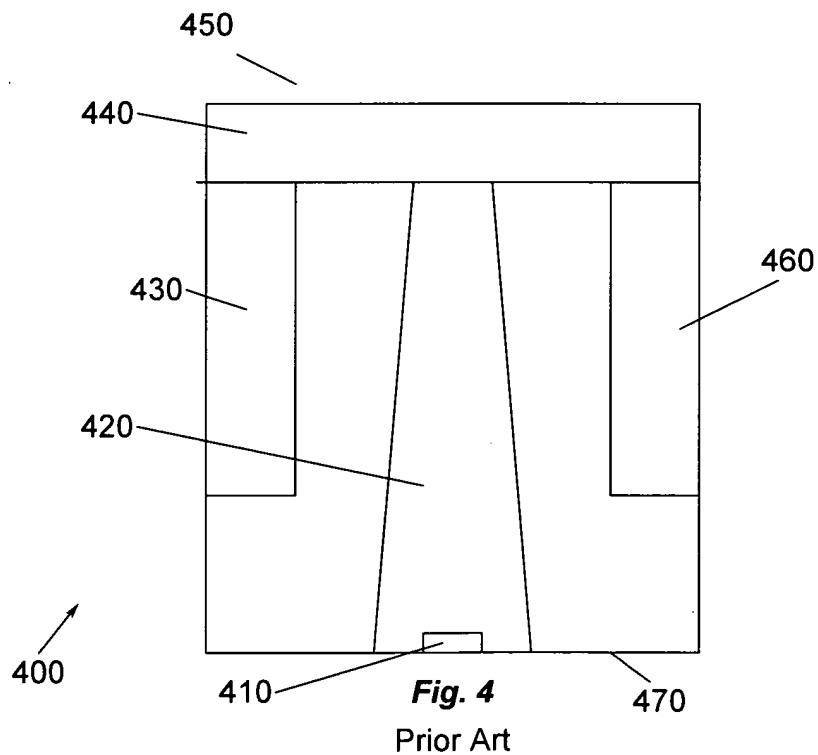
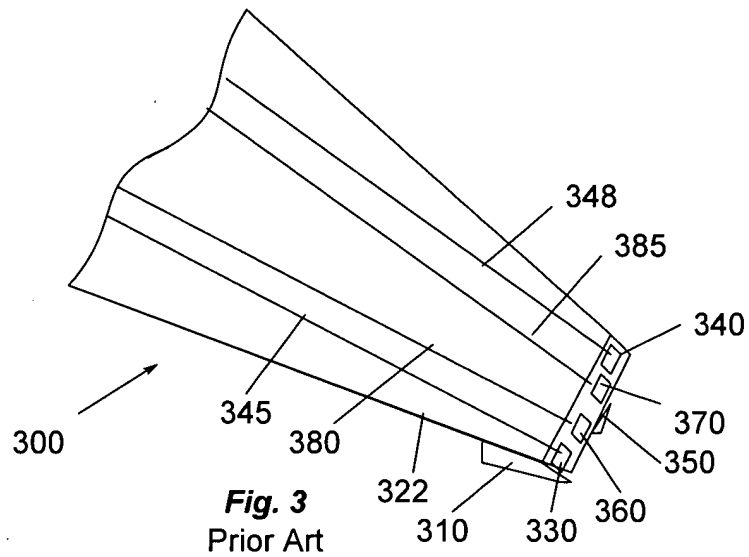
Replacement Sheet

Title: METHOD AND APPARATUS FOR ENHANCING THERMAL STABILITY,  
IMPROVING BIASING AND REDUCING DAMAGE FROM ELECTROSTATIC  
DISCHARGE IN SELF-PINNED ABUTTED JUNCTION HEADS HAVING A  
FIRST SELF-PINNED LAYER EXTENDING UNDER THE HARD BIAS LAYERS

Applicants: Gill, et al.

Docket: HSJ920030016US2/HITG.054PA

Sheet 3 of 10



## Replacement Sheet

Title: METHOD AND APPARATUS FOR ENHANCING THERMAL STABILITY,  
IMPROVING BIASING AND REDUCING DAMAGE FROM ELECTROSTATIC  
DISCHARGE IN SELF-PINNED ABUTTED JUNCTION HEADS  
HAVING A FIRST SELF-PINNED LAYER EXTENDING  
UNDER THE HARD BIAS LAYERS

Applicants: Gill, et al.

Docket: HSJ920030016US2/HITG.054PA

Sheet 4 of 10

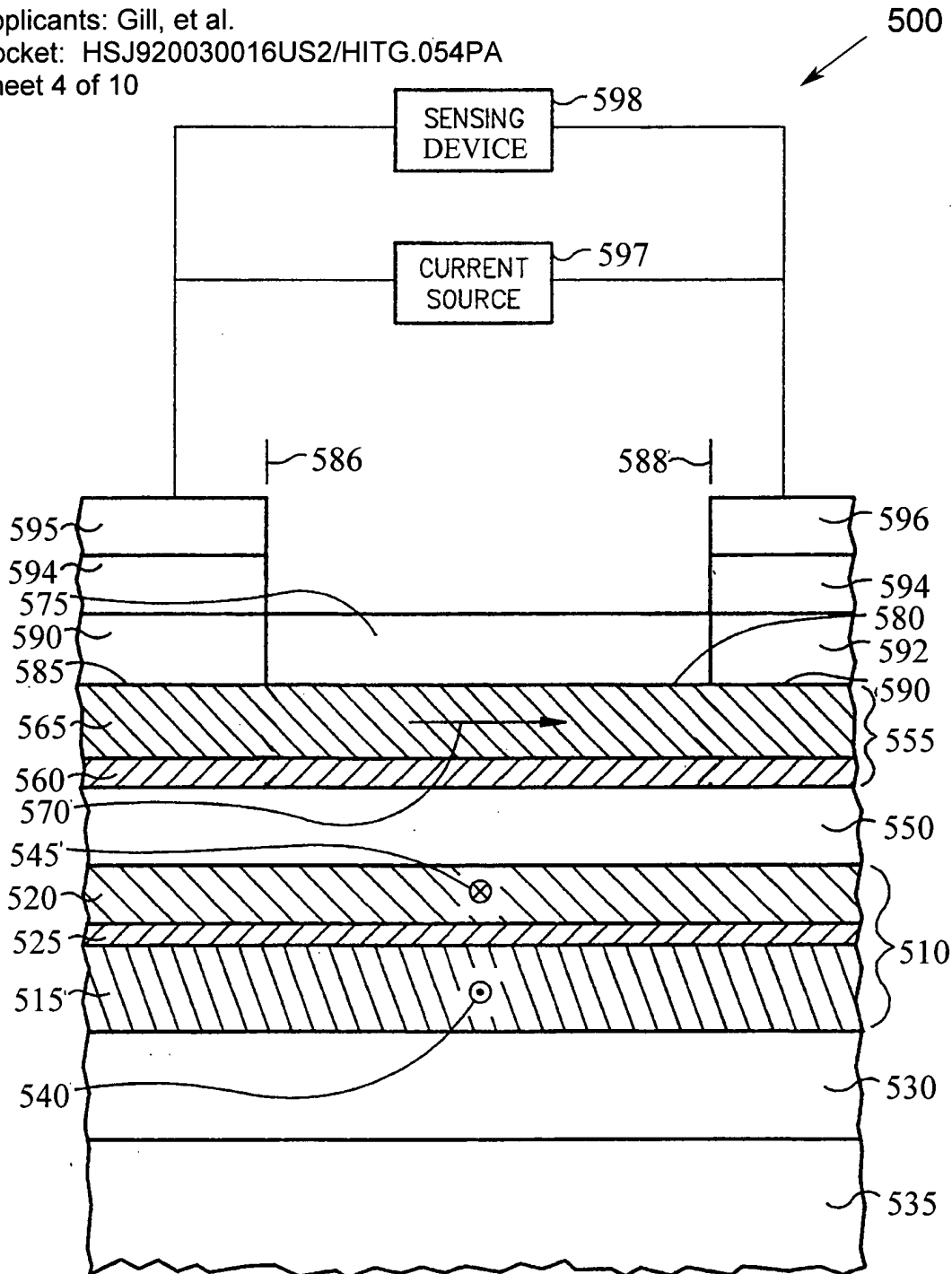


Fig. 5  
Prior Art

Title: METHOD AND APPARATUS FOR ENHANCING THERMAL STABILITY,  
 IMPROVING BIASING AND REDUCING DAMAGE FROM ELECTROSTATIC  
 DISCHARGE IN SELF-PINNED ABUTTED JUNCTION HEADS  
 HAVING A FIRST SELF-PINNED LAYER EXTENDING  
 UNDER THE HARD BIAS LAYERS  
 Applicants: Gill, et al.  
 Docket: HSJ920030016US2/HITG.054PA  
 Sheet 10 of 10

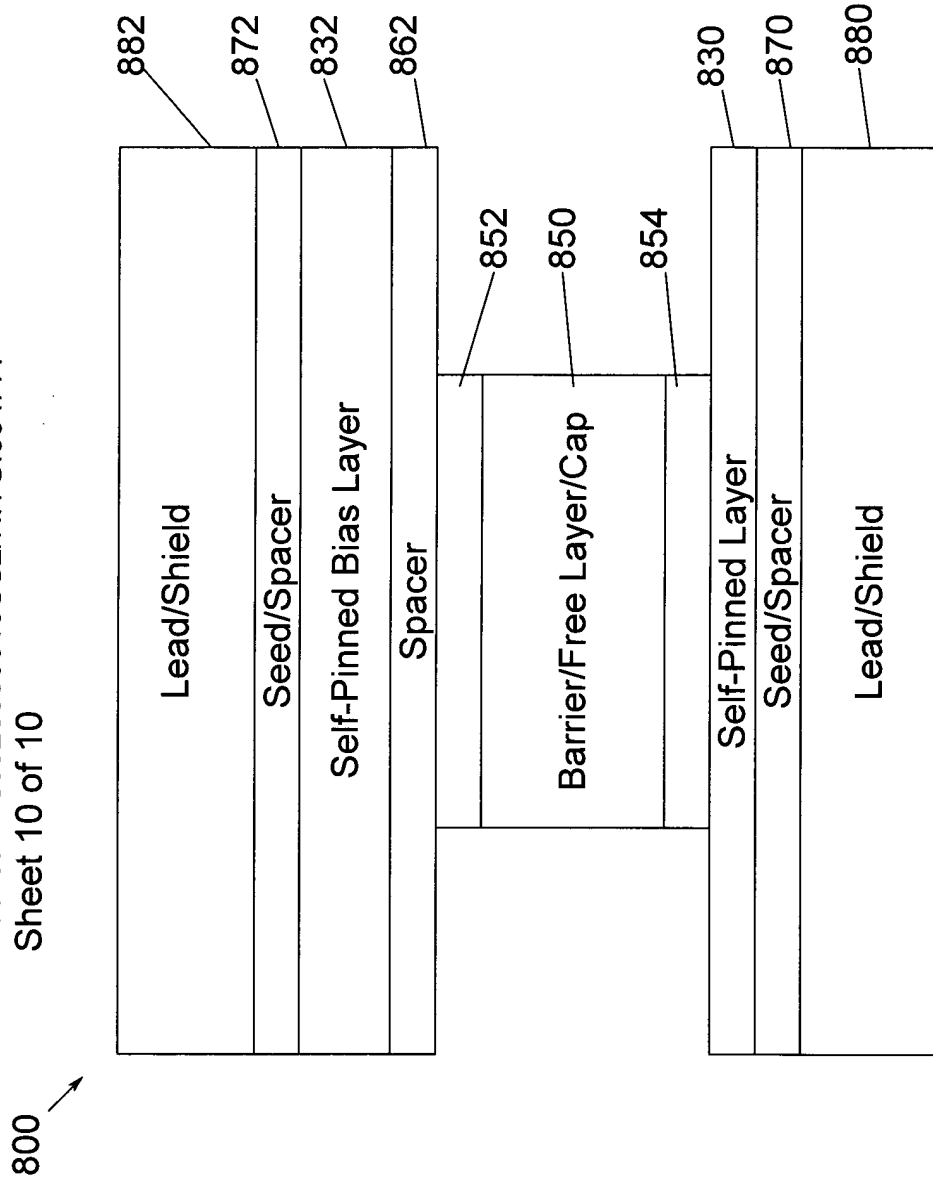


Fig. 8